

Doncaster East Traffic Intelligence Profile

SCATS-based vehicle movement profile generated from the Melbourne SCATS Intelligence Platform. Historical signalised-intersection movement analysis covering 2014–2026.

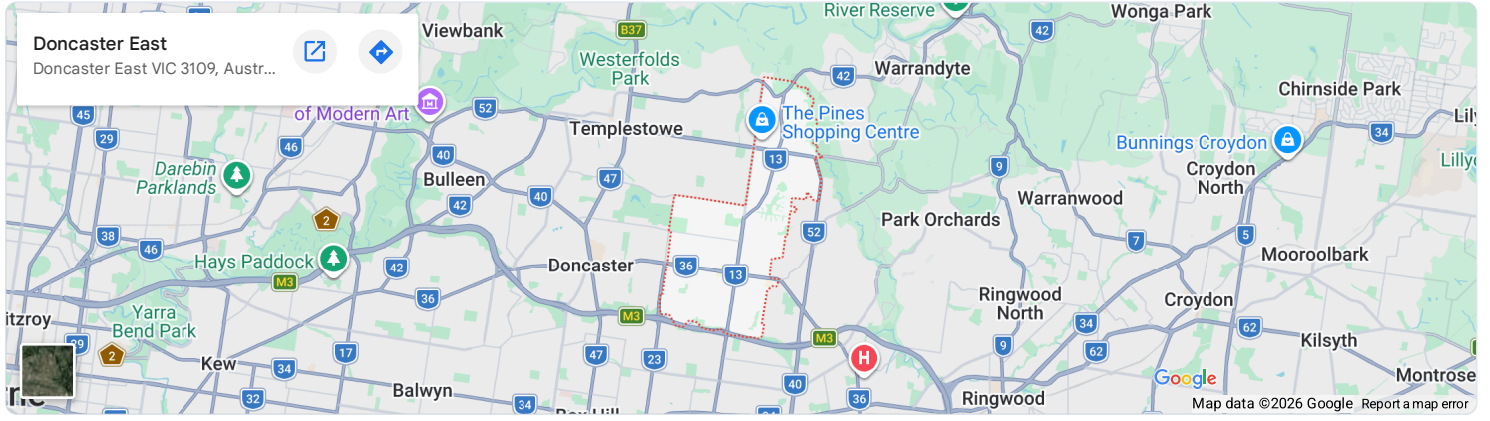
Generated: 20 May 2026 Suburb rank: #83 SCATS sites: 16 Postcode(s): 3106, 3109



I'm your local mate with a few trailers right next to The West Gate Freeway!

Suburb Map

This map provides geographic context for the suburb profile and the surrounding road network. For individual SCATS sensor locations, use the map links in the Top SCATS Sites and Sensor Inventory tables.



Executive Snapshot

Doncaster East contains 16 mapped SCATS traffic sites in this suburb-level profile. Across the historical dataset, these sites account for 1,950,810,462 vehicle movements, or approximately 1,950.8M.

The busiest mapped SCATS location in Doncaster East is DONCASTER near LEEDS, with 259,726,911 recorded movements across the historical period.

1,950.8M
Total mapped vehicle movements

16
Mapped SCATS sites

#83
Melbourne suburb movement rank

121,925,653
Average movements per site

Interpretation: This profile should be read as a suburb-level movement exposure report based on mapped SCATS sensor locations. It is useful for local traffic reporting, OOH exposure review, planning discussion, business-location context and public-interest transport analysis.

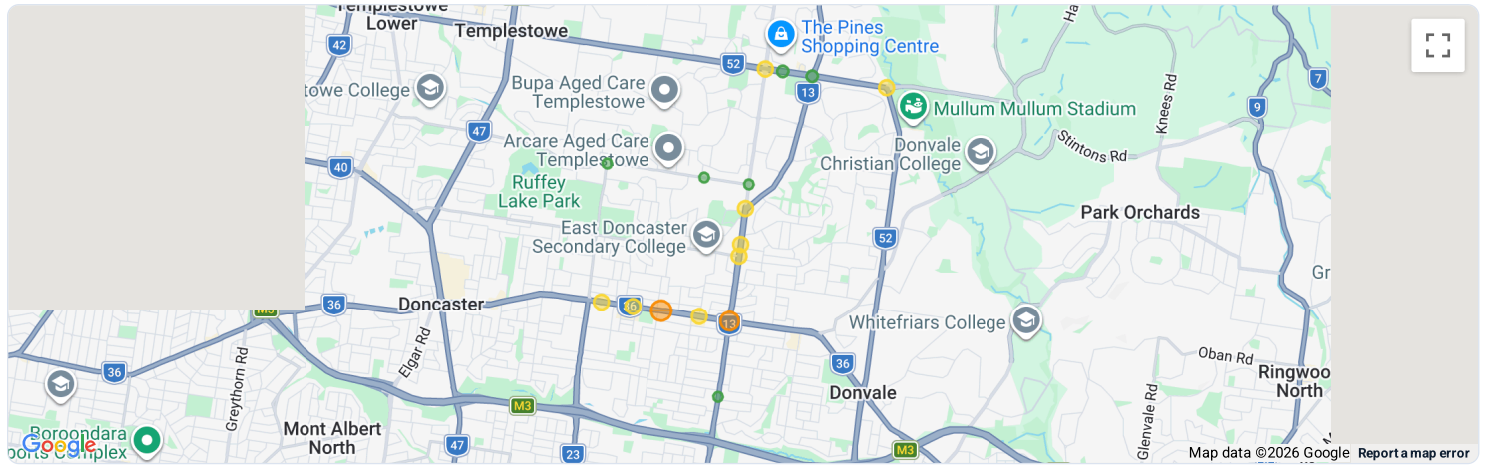
Top SCATS Sites in Doncaster East

#	SCATS ID	Location	Total movements	Millions	Rank
1	332	DONCASTER near LEEDS DONCASTER NR LEEDS	259,726,911	259.7M	328
2	335	Doncaster / Blackburn DONCASTER/BLACKBURN	191,354,028	191.4M	809
3	698	Blackburn / Reynolds BLACKBURN/REYNOLDS	170,057,095	170.1M	1030
4	351	Blackburn / George BLACKBURN/GEORGE	139,459,185	139.5M	1463
5	334	Doncaster / Doncaster Bus Depot DONCASTER/DONCASTER BUS DEPOT	130,067,071	130.1M	1598
6	333	Doncaster / Dryden DONCASTER/DRYDEN	129,732,393	129.7M	1602
7	331	Doncaster / Jackson DONCASTER/JACKSON	128,178,009	128.2M	1636
8	342	BLACKBURN near CANOPUS BLACKBURN NR CANOPUS	121,563,269	121.6M	1767
9	708	Blackburn / Anderson Creek BLACKBURN/ANDERSON CREEK	121,207,888	121.2M	1771
10	314	Springvale / Reynolds SPRINGVALE/REYNOLDS	118,421,255	118.4M	1837

Note: SCATS locations are assigned to suburbs using the latitude/longitude of each site. Boundary roads may influence nearby suburbs even when assigned to one suburb for repeatable reporting.

SCATS Sensor Map

This map shows the location of each mapped SCATS sensor associated with **Doncaster East**. Circle colours match the main full-network SCATS map. Click any circle to view the site name, movement total and a direct Google Maps link.



Traffic intensity circles
 ● Red — Top 5% busiest Melbourne-wide
 ● Orange — Top 20% busiest Melbourne-wide
 ● Yellow — Middle-volume Melbourne-wide
 ● Green — Lower-volume mapped site
 Circle colours are based on each SCATS site's Melbourne-wide rank across the cleaned archive, not just its rank within this suburb. Circle size is scaled lightly by traffic intensity.

Provider: Google Maps circle overlays - Sensors plotted: 16. For PDF export, you will usually get a better result by replacing this live map with a static PNG screenshot.

Local Movement Context

Busiest Local Site

DONCASTER near LEEDS
 259,726,911 vehicle movements
 Open busiest site in Google Maps

Suburb Rank

Doncaster East ranks **#83** among mapped Melbourne suburbs/localities by total SCATS movement volume in this generated suburb summary.

Likely Dominant Corridors

- Blackburn
- Doncaster
- Reynolds
- BLACKBURN
- Anderson Creek
- King
- DONCASTER
- LEEDS

OOH and media relevance: Suburbs with concentrated SCATS movement corridors can be useful for billboard exposure review, local traffic journalism, corridor analysis and business-location intelligence.

SCATS Sensor Inventory

SCATS ID	Friendly name	Official name	Total movements
332	DONCASTER near LEEDS	DONCASTER NR LEEDS	259,726,911
335	Doncaster / Blackburn	DONCASTER/BLACKBURN	191,354,028
698	Blackburn / Reynolds	BLACKBURN/REYNOLDS	170,057,095
351	Blackburn / George	BLACKBURN/GEORGE	139,459,185
334	Doncaster / Doncaster Bus Depot	DONCASTER/DONCASTER BUS DEPOT	130,067,071
333	Doncaster / Dryden	DONCASTER/DRYDEN	129,732,393
331	Doncaster / Jackson	DONCASTER/JACKSON	128,178,009
342	BLACKBURN near CANOPUS	BLACKBURN NR CANOPUS	121,563,269
708	Blackburn / Anderson Creek	BLACKBURN/ANDERSON CREEK	121,207,888
314	Springvale / Reynolds	SPRINGVALE/REYNOLDS	118,421,255
704	Reynolds / Anderson Creek	REYNOLDS/ANDERSON CREEK	118,267,549
703	Reynolds / The Pines Shopping Centre	REYNOLDS/THE PINES SHOPPING CENTRE	114,884,054
340	Blackburn / King	BLACKBURN/KING	89,808,950
1048	King / Victoria	KING/VICTORIA	71,766,407
1377	KING between WYENA AND NEDLANDS	KING BTW WYENA AND NEDLANDS	46,316,396
350	BLACKBURN near CASSOWARY	BLACKBURN NR CASSOWARY	2

Methodology and Platform Context

This suburb profile is one local report generated from the wider **Melbourne SCATS Intelligence** platform. The platform converts more than 12 years of Melbourne traffic signal data into a public-facing transport intelligence layer covering historical movement totals, site rankings, corridor behaviour, suburb profiles, OOH exposure review, and reproducible data-quality evidence.

37,877,000,000 Cleaned 15-minute SCATS observations	539,021,000,000 Total cleaned vehicle movements analysed platform-wide	148/148 Expected months processed in the reporting window	2014–2026 Historical coverage window
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How to read this suburb report: the suburb total shown earlier in this profile is this suburb's portion of the mapped SCATS movement layer. The Melbourne-wide figures above describe the scale of the full platform, not this suburb alone. The suburb profile layer turns the city-wide dataset into 517 suburb/locality reports using 4,427 mapped SCATS sites.

- Input suburb summary: suburb_summary_v1.json
- Input site lookup: scats_site_suburb_lookup_cleaned_v1_4.csv
- Suburb/locality profiles generated: 517
- Mapped SCATS sites used in the suburb reporting layer: 4,427
- Movement total represented by the mapped suburb profile layer: 532,181,076,069 movements
- Time resolution: 15-minute intervals

Boundary caution: Some SCATS sensors sit on arterial roads, freeway interfaces or suburb boundaries. For repeatable reporting, each sensor is assigned to one suburb based on its coordinate. This makes the profiles reproducible, but nearby suburbs may still be affected by the same corridor.

Open-source project: <https://github.com/clarketowson/melbourne-scats-intelligence>